

VOROS

T

BARDOCZ, Arpad; VOROS, Tibor; U. VANYEK, Marta

Process in time of the widening of spectral lines and ion concentration in the spark discharge. Magy fiz folyoir 10 no.4:251-258 '62.

U. VANYEK, *Mertai*: BARDOGZ, Arpad; VOROS, Tibor.

Temperature determination in spark discharge. *Magy kez folyoir*  
66 no.12:183-185 D:60.

1. Erchanyaszati Feltaro Vallalat es Kosponi Fizikai Kutato Intezet,  
Budapest.

VOROS, Tibor

Electron-ion recombination in spark channels. Magyar folyoir  
65 no. 12:490-494 '59.

1. Magyar Tudomanyos Akademia Kozponti Fizikai Kutato Intezete  
Spektroszkopiai Osztalya, Budapest.

VOROS, T.; SOLOV'YEV, V.G.; SIKLOS, T.; SARANISEVA, V.R., tek n. red.

An investigation of properties of transuranic elements.  
Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962. 23 p.  
(No subject heading)

4  
Determination of field charge and ionic density based on  
time of spark discharge. Armad Bardocz, Tibor Voros, and  
Márta U. Vanyek. Magyar Fizikai Folyóirat 7, 375-84  
(1959); cf. C.A. 54, 1066h. — Some addnl. expts. were car-  
ried out with Mg, Zn, Cd, and Hg. The results are plotted  
as wave-length shift vs. spark-discharge time. Calcs. of  
field strength intensity in the spark channel were based on  
Unsold's theory (C.A. 21, 2006) and those of ionic d. on  
that of Holtsmark (*Ann. Phys.* 38, 577(1919)). The field  
strength intensity in the spark channel at the beginning of  
the spark discharge was found to be 600 kv./cm., but de-  
creased later. The ionic d. after 10  $\mu$ sec. was found to be  
around  $10^{18}$  and an order of 10 less after 60  $\mu$ sec.; this is in  
good agreement with results of similar investigations. ~~ECB~~

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VOROS, T.; BARDOZ, A.; U.-VANYEK, M.

Displacement of the wave length of spectral lines in spark spectrum. p.117  
MAGYAR FIZIKAI FOLYOIRAT. Budapest, Hungary/ Vol. 7, no. 2, 1959

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959  
Uncl.

VOROS-FELKAI GY.; NOVAK, E.

Carbon metabolism in Botryotinia fuckeliana and its bearings on sweet rot in grapes.  
I. Organic acids the only carbon source of mold. II. Utilization of malonic acid and  
its effect on the metabolism of mold. p. 217.

ACTA MICROBIOLOGICA. (Magyar Tudományos Akadémia) Budapest, Hungary. Vol. 5, no. 3,  
1958. In English.

Monthly List of East European Accessions (EEAI) LC, Voll. 8, No. 11, November 1959.  
Uncl.

NOVAK, E.K.; VOROS-FELKAI, Gy.

Carbon metabolism in *Botryotinia fuckeliana* and its bearings on sweet rot in grapes. I. Organic acids, the only carbon sources of the mold. Acta microb. hung. 5 no.3:217-221 1958.

1. Institute of Microbiology, Lorand Eotvos University, Budapest.

(FUNGI, metab.

*Botryotinia fuckeliana*, organic acids as only carbon source, relation to responsibility for sweet rot in grapes)

(FRUITS

grapes, responsibility of mold *Botryotinia fuckeliana* for sweet rot in grapes, role of its metab. source of carbon)

(ACIDS, metab.

organic acids as only source of carbon for mold *Botryotinia fuckeliana* responsible for sweet rot in grapes)

VOROS-FELKAI, Gyorgyi; NOVAK, E.K.

Incidence of yeasts in human material. Acta microb. hung. 8 no.1:  
89-94 '61.

1. State Institute of Hygiene, Budapest.  
(MYCOSES diagnosis) (YEASTS culture)

VOROS-FELKAI, Gyorgyi

Studies on arthrosporous yeasts. Acta microb. hung. 8 no.1:95-101  
'61. :

1. State Institute of Hygiene, Budapest  
(YEASTS)

VOROS-FELKAI, Gyorgyi; NOVAK, E. K.

Raffinose assimilation of yeasts. Acta microb. hung. 8 no.4:333-337  
'61.

1. State Institute of Hygiene, Budapest.

(YEASTS metab) (CARBOHYDRATES metab)

[HUNGARY

NOVAK, Ervin K., and VOROS-PEKAI, Gyorgyi, of the State Institute of Hygiene (Director: BAKACS, T.) Budapest [original version not given].

"*Rhodotorula slooffii* N. Sp."

Budapest, Acta Microbiologica, Vol 9, No 3, 1962; pp 261-263.

Abstract: [English article, authors' English summary]: By the laryngeal swab technique a *Rhodotorula* strain different from the known *Rhodotorula* species has been isolated. In honor of Miss W.C.SLOOFF the new species has been named *Rhodotorula slooffii*; its recognition as a new species among yeasts is recommended. *Rh. slooffii* n. sp. produces a carotenoid pigment, multiplies only with budding, assimilates glucose, galactose, sucrose and lactose, but not maltose and raffinose. It does not utilize  $KNO_3$ , does not utilize ethanol as sole carbon source, does not produce starch, but splits arbutin. [10 references, half of which are Hungarian].

4/1

4

HUNGARY

VOROS-FELKAI, Gyorgyi, National Institute of Public Health [Original-language version not given] in Budapest (Director: BAKACS, T.).

"Incidence of Rhodotorula Species in Urban Air"

Budapest, Acta Microbiologica Academiae Scientiarum Hungaricae, Vol 13, No 1, 2 Jun 1966, pp 53-58.

Abstract: [English article] Rhodotorula and Cryptococcus were the most commonly encountered yeast species in the pollution of air over Budapest. No seasonal difference was observed in the incidence of the 100 Rhodotorula strains isolated, representing 12 species. Of the isolated strains, 34% belonged to Rhodotorula glutinis, 26% to Rhodotorula mucilaginosa, 16% to Rhodotorula rubra, and 11% to Rhodotorula minuta. The incidence data and some morphological information was presented in tabular form. 24 references, including 5 Hungarian, 1 Japanese, 4 German, and 14 Western. (Manuscript received 20 Nov 1965).

1/1

- 39 -

HUNGARY

VOROS-FELKAI, Gyorgyi, and NOVAK, Ervin E., National Institute of Public Health [original-language version not given] in Budapest (Director: BAKACS, T.).

"Organic and Aminoacid Assimilation by Yeasts as Studied by the Replica Plating Technique"

Budapest, Acta Microbiologica Academiae Scientiarum Hungaricae, Vol 13, No 1, 2 Jun 1966, pp 59-69.

Abstract: [English article; authors' English summary, modified] By use of the replica plating technique the assimilation and utilization as carbon and nitrogen sources of 10 organic acids and 11 aminoacids were examined. The results obtained with one strain of each of 25 different yeast species were evaluated in view of taxonomical and physiological significance. The replica plating technique, owing to the low nitrogen requirement of the majority of the species examined, was found unsuitable for nitrogen-source determination. 24 references, including 5 German, 1 Russian, 6 Hungarian, and 12 Western. (Manuscript received 4 Dec 1964).

1/1

L 45648-66

ACC NR: AP6033884

SOURCE CODE: HU/0014/65/098/010/0438/0442

AUTHOR: Voros, Tibor (Graduate chemical engineer; Silicate specialist)

14

ORG: Danube Iron Works (Dunai Vasmu)

B

TITLE: Experiments with the production and application of furnace gunning materials

SOURCE: Kohaszati lapok, v. 98, no. 10, 1965, 438-442

TOPIC TAGS: metallurgic furnace, iron oxide, chromium oxide

ABSTRACT: Experiments are described aiming at the development of a material suitable for the improvement of open hearth furnace roofs and back walls. The initial mixture consisted of the oxides of Si, Al, Fe, Ti, Ca, Mg, K, Na, Cr and Mn, with magnesium oxide,  $Cr_2O_3$  and  $Fe_2O_3$  predominating (50.73%, 28.48% and 10.17%, respectively). The advantages of the gunning method are discussed. Orig. art. has: 11 figures and 4 tables. [Based on author's Eng. abst.] [JFRS]

SUB CODE: 13, 11 / SUBM DATE: none / ORIG REF: 002 / OTH REF: 009

Card 1/1 fv

UDC: 669.183.21:66.044

VORSHCHEVSKIY, E.I.; KISELEV, K.V., otv. red.; GOLUBTSOVA, P., red.;  
STEPANOVA, N., tekhn. red.

[International encouragement of scientific research in the field of control of cancerous diseases (proposal of the White Russia S.S.R. at the 14th session of the UN General Assembly); collected materials and documents] Mezhdunarodnoe pooshchrenie nauchnykh issledovaniy v oblasti bor'by s rakovymi zabolevaniami (predlozhenie Belorusskoi SSR na XIV sessii General'noi Assamblei OON); sbornik materialov i dokumentov. Minsk, Gos.izd-vo BSSR. Red. sotsial'no-ekon.lit-ry, 1962. 161 p. (MIRA 15:5)

1. United Nations. General Assembly. Social, humanitarian and cultural committee. 2. Ministr inostrannykh del Belorusskoy SSR (for Kiselev). (CANCER RESEARCH)

VOROSHOV, N.N.,  
I. BERGENIN, Bull. Acad. Sci. USSR, 1929, 323-354.

I 31533-66 EWT(d)/EWP(c)/EWP(y)/T/EWP(k)/EWP(h)/EWP(l) IJP(c) GD/BC

ACC NR: AT6011935

SOURCE CODE: UR/0000/66/000/000/0158/0162

AUTHOR: Gorbunov, V.I. (Tomsk); Makarov, N. Ya. (Tomsk); Cheshev, V.V. (Tomsk); 72  
Abramov, V.P. (Tomsk); Voroshen', L.B. (Tomsk) 71

ORG: none 8+1

TITLE: Automatic quality control of very thick products

SOURCE: Vsesoyuznaya konferentsiya po avtomaticheskomu kontrolyu i metodam elektricheskikh izmereniy, 5th. Avtomaticheskiy kontrol' i metody elektricheskikh izmereniy; trudy konferentsii, t. 2: Izmeritel'nyye informatsionnyye sistemy. Ustroystva avtomaticheskogo kontrolya. Elektricheskiye izmereniya neelektricheskikh velichin (Automatic control and electrical measuring techniques; transactions of the conference, v. 2: Information measurement systems. Automatic control devices. Electrical measurements of nonelectrical quantities). Novosibirsk, Izd-vo Nauka, 1966, 158-162

TOPIC TAGS: automatic control system, quality control, betatron, x ray apparatus, flaw detector

ABSTRACT: The mass production control of very thick products requires the development of new, more efficient devices for the realization of satisfactory quality control. The present paper describes a BD-1 automated betatron flaw detector, a universal mobile device based on the B-25/10 betatron and presents a detailed outline of its automatic control. The device can carry out continuous plant control of steel products 50-500 mm thick and 0.5 to 8 m long. The

Card 1/2

L 31533-66

ACC NR: AT6011935

test piece may have a complex configuration with a maximum drop in thickness along the irradiation direction of up to 100 mm. Experiments carried out at 25 MeV (radiation intensity 40-60 Roentgen/min) show that flaw detection is no worse than 0.3-1% of the maximum thickness of the sample. The productivity is at least 2 m<sup>2</sup>/hour, the device requires a three-phase a. c. power supply, and it uses no more than 15 kW. The article describes the process of production control, outlines the automatic control system, and the X-ray photography system. Orig. art. has: 3 figures. 14

SUB CODE: 13,09 SUBM DATE: 29Nov65/ ORIG REF: 003

Card 2/2 LC

VILESOV, D.V., kand.tekhn.nauk; VORSHEVSKIY, A.V., inzh.

Experience in differentiating the envelope of an alternating  
voltage. Elektrichestvo no.10:71-72 0 '60. (MIRA 14:9)  
(Automatic control)

VOROSHIKOV, V. A.

"Process of Carding Fibrous Materials by Needle-Shaped and Serrate Devices."  
Sub 10 May 51, Moscow Textile Inst.

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 480, 9 May 55.

SANDRIGAYLO, N F.; VASIL'YEV, M.V., prof., doktor tekhn.nauk;  
GRAUR, I.F.; USOV, F.M.; RYABOV, A.I.; ZHANTEMIROV, S.D.;  
VOROSHILIN, G.I.; MAKAROVA, N.U., red.

[Accelerated development of strip mines and expansion of  
iron ore mining; as practiced at the Sokolovka-Sarbay  
Mining and Ore Dressing Combine] Forsirovannaiia podgotovka  
kar'erov i razvitie dobychi z'eleznykh rud; na primere  
Sokolovsko-Sarbaiskogo gornobogatitel'nogo kombinata.  
Sverdlovsk, Sredne-Ural'skoe gos. knizhnoe izd-vo, 1964.  
115 p. (MIRA 18:6)

VOROSHILIN, I.G., gornyy inzhener; ZHANTEMIROV, S.D., gornyy inzh.

Boring and blasting operations. Gor.zhur. no.2:14-17 P '64.  
(MIRA.17:4)

*V. Voroshilin's I.P.*

CHERTKOV, Veniamin Kuz'mich; ~~VOROSHILIN, I. B.~~ redaktor; KEL'NIE, V.P.,  
redaktor izdatel'stva; ~~ZEP, Ye.M.~~ tekhnicheskiy redaktor

[Balancing of excavators] Balansirovka ekskavatora. Sverdlovsk,  
Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii,  
Sverdlovskoe otd-nie, 1957. 34 p. (MLRA 10:5)  
(Excavating machinery)



1. VOROSHILIN, I.R.
2. USSR (600)
4. Technology
7. Stakhanovites in coal cadres. Moskva, Ugletekhizdat, 1952

9. Monthly List of Russian Accessions, Library of Congress, February, 1953. Unclassified.

Voroshilin, I R

Hochproduktive Arbeitsmethoden im Kohlenschaufeln. Berlin, Technik, 1953.

32 p. diagrs., tables.

Translation from the Russian, "Stakhanovets ugol'nykh kar'yerov," Moscow, 1952.

U/5  
735.1  
.V9

VOROSHILIN, Ivan Romanovich; SHILIN, A.N., kand.tekhn.nauk, red.;  
~~KEL'NIK, V.P., red.izd-va; ZEF, Ye.M., tekhn.red.~~

[Mechanization of mining operations; underground and open  
pit mining] Mekhanizatsiia gornyykh rabot; podzemnye i  
otkrytye raboty. Izd.2., perer. i dop. Sverdlovsk, Gos.  
nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii.  
Sverdlovskoe otd-nie, 1959. 774 p. (MIRA 12:10)  
(Mining engineering--Equipment and supplies)  
(Mining machinery)

VOROSHILIN, Ye.; IMSHENETSKIY, V.

Experimental kindergarten and nursery school made of elements  
for industrial buildings. Na stroi.Ros. 4 no.6:15 Ja '63.  
(MIRA 16:6)

1. Glavnyy inzhener upravleniya Sverdlovskgorstroy (for Voroshilin).
2. Nachal'nik tekhnicheskogo otdela upravleniya Sverdlovskgorstroy (for Imshenetskiy).  
(Sverdlovsk--Schoolhouses--Design and construction)

VOROSHILIN, Ya.; IMSHENETSKIY, V.

Assembly of a schoolhouse by means of a hinged-frame indicator.  
Na stroi. Ros. 6 no.2:22-23 7 '65. (MFI 19:1)

1. Glavnyy inzh. upravleniya Sverdlovskgorstroy (for Voroshilin).
2. Glavnyy tekhnolog upravleniya Sverdlovskgorstroy (for Imshenetskiy).

YELISEYEV, Yu.A.; VOROSHILIN, Ye.A.; BIYEVETS, N.L.; KRYLOV, A.G.

Construction of glass container storehouses from hipped mesh-reinforced  
concrete elements. Prom. stroi. 42 no.8:23-25 '65. (MIRA 18:9)

VOROSHILIN, Ye.M., inzhener.

Brief review of developments in the field of electrical engineering  
and telecommunications in the Russian marine. Sudostroenie 23  
no.8:33-40 Ag '57. (MIRA 10:11)  
(Electricity on ships) (Radio in navigation)

KHARICHEVA, L.M.; VOROSHILINA, L.M.

Disorders of cerebral blood circulation in the acute stage of myocardial infarct. Trudy Vor. med. inst. 51:57-61 '63.

(MIRA 18:10)

1. Kafedra nervnykh bolezney Voronezhskogo meditsinskogo instituta (for Kharicheva). 2. Kafedra gosital'noy terapii Voronezhskogo meditsinskogo instituta (for Voroshilina).

VOROSHILINA, L.M.; MAKSIMOVA, T.K.

Diagnosis of parathyroid adenoma. Terap. arkh. 30 no.12:77-80 D '58.  
(MIRA 12:1)

1. Iz kafedry gospital'noy terapii (zav. - prof. V.S. Nesterov) Voronezh-  
skogo meditsinskogo instituta i prozektorskogo otdeleniya oblastnoy  
klinicheskoy bol'nitsy.

(OSTEITIS FIBROSA, diagnosis  
(Rus))

ADD - 25

BA.

Bacterial oxidation of petroleum and its migration in natural waters. A. A. Voroshilov and E. V. Dianova (*Microbiologia*, 1950, 18, 203-210).—Petroleum getting into rivers exhibits changes and movement in 3 stages: (1) it spreads on the surface and is attacked by aerobic bacteria; (2) (due to bacterial changes and evaporation of lighter fractions the petroleum sinks and forms an anaerobic layer at the bottom, where it undergoes further changes due to  $\text{NO}_3^-$  and  $\text{SO}_4^{2-}$ -reducing bacteria; (3) the final product rises again to the surface. The reactions involved are discussed in detail. D. H. SMYTH.

VOROSHILOV, A.

How success was achieved. Mast.ugl.4 no.9:3-4 S'55. (MIRA 9:1)

1. Nachal'nik shakhty no.1-2 "Perwomayskaya" Voroshilovgradskoy oblasti  
(Voroshilovgrad Province--Coal mines and mining)

VOROSHILOV, A.G., nachal'nik shakhty.

Effectiveness of mechanization in mine shaft No.1-2 called "the  
Golden." Mekh.trud.rab. 8 no.8:10-12 D '54. (MLR 8:1)  
(Kuznetsk Basin--Coal mines and mining)

VOROSHILOV, A.P.; VARDOMSKAYA, T.N., nauchnyy sotrudnik

Peat briquetting plant using exhaust gases from gas turbines.  
Torf. prom. 35 no. 4:29 '58. (MIRA 11:7)

1. Vsesoyuznyy teplotekhnicheskiy institut im. F. Dzerzhinskogo.
2. Zaveduyushchiy sushil'noy laboratoriyey (for Voroshilov)  
(Peat--Drying)

VOROSHILOV, A.N.

New apparatus for agitating small containers. Lab. delo 6 no.4:52-  
54 JI-Ag '60. (MIRA 13:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh  
i aromatichekikh rasteniy (dir. N.Ya. Itskov).  
(MIXING MACHINERY)

VOROSHILOV, A.P.

VOROSHILOV, A.P., kandidat tekhnicheskikh nauk; ZAV'YALOV, V.A., kandidat tekhnicheskikh nauk; IVANOV, V.H., kandidat tekhnicheskikh nauk.

Simplifying the manufacture of peat briquettes. Torf.prom. 34  
no.5:18-22 '57. (MIRA 10:10)

(Briquets (Fuel))

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001861010016-7

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001861010016-7"

Voroshilov, A.P.

1. S. ... ..  
... ..  
... ..

ZAV'YALOV, V.A., kandidat tekhnicheskikh nauk; IVANOV, V.N., dotsent;  
VOROSHILOV, A.P., kandidat tekhnicheskikh nauk.

Moisture content of the raw material for peat briquette plants.  
Tef.prom.33 no.5:29-27 '56. (MLRA 9:9)  
(Peat) (Briquets (Fuel))



BARTOSH, N.T.; MOGILEVSKIY, L.D.; SHARANOVICH, P.A.; VOROSHILOV, B.P.,  
inzh., retsenezent; GERASIMOV, V.G., inzh., red.; LEYKINA,  
T.L., red. izd-va; BARDINA, A.A., tekhn. red.

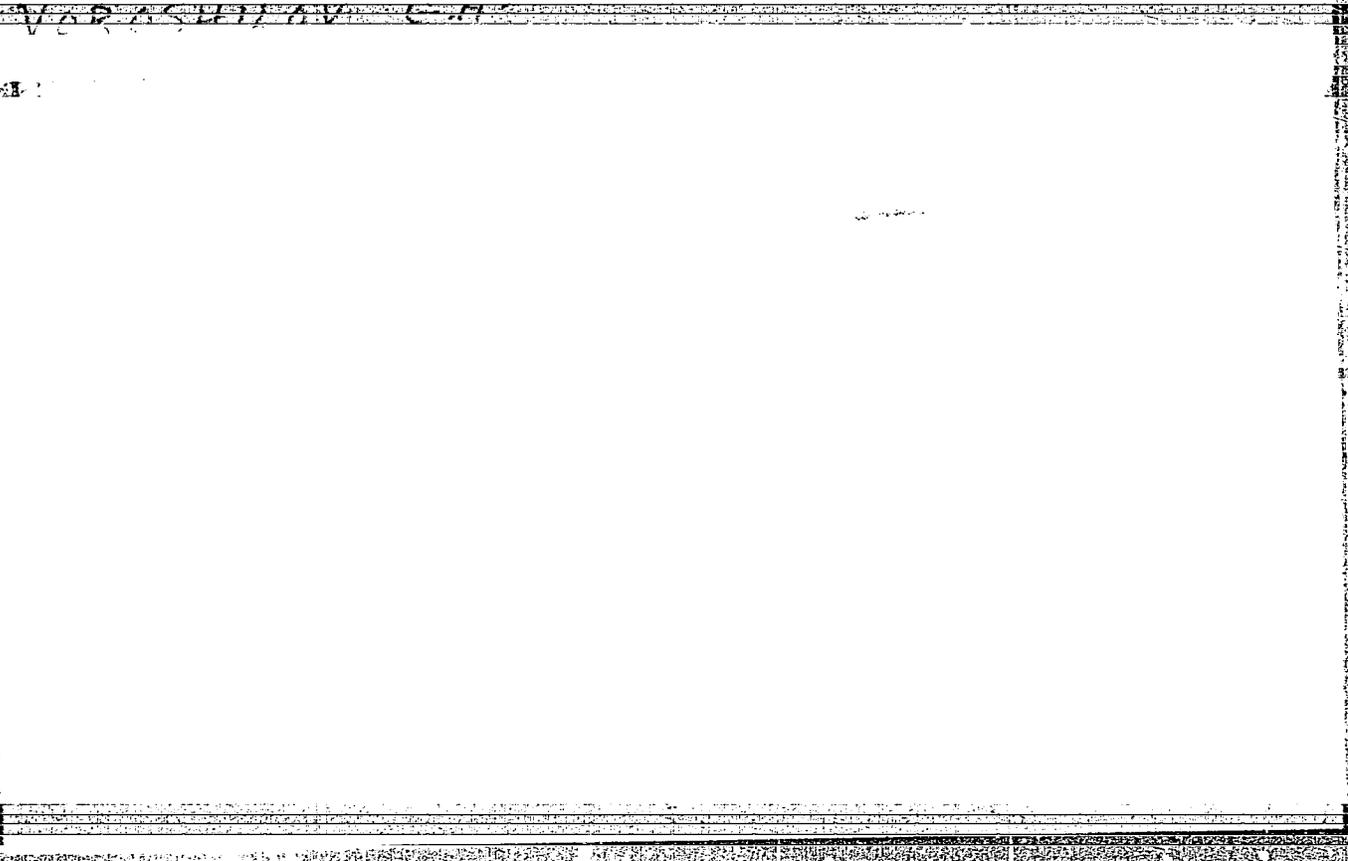
[Manual for the operator of machinery used in loading and  
unloading] Spravochnik mekhanizatora pogruzochno-razgruzochnykh  
rabot. Moskva, Mashgiz, 1963. 419 p. (MIRA 16:8)  
(Loading and unloading--Equipment and supplies)

VOROSHILOV, G.A.

Prolonged-action hermetic hose filter. Biul.tekh.-ekon.inform.  
Gos.nauch.-issl.inst.nauch.i tekhn.inform. no.9:23-25 '62.

(MIRA 15:9)

(Filters and filtration)



27126

S/080/60/033/008/019/022/XX  
D213/D305

53400

AUTHORS: Balandin, A.A., Freydlin, L.Kh., Rozina, V.S.,  
Sorokin, P.Z., and Voroshilov, G.A.

TITLE: Method of preparing 2-isopropylantraquinone

PERIODICAL: Zhurnal prikladnoy khimii, v. 33, no. 8, 1960,  
1893 - 1896

TEXT: Recently alkylantraquinones have been applied as hydrogen carriers in producing hydrogen peroxide. It has, therefore, been necessary to look for new methods of preparing these compounds on an industrial scale. The specific reaction with which the authors were concerned was to prepare 2-isopropylantraquinone in two stages, instead of four as in Scholl's method, which involved reacting isopropylbenzene with phthalic anhydride and reducing the resulting 4-isopropylbenzoyl-2-benzoic acid to 4-isopropanyl-benzyl-2-benzoic acid followed by cyclization of the latter in the presence of sulphuric acid. To avoid the formation of sulphonic acid

Card 1/3

27126

S/080/60/033/008/019/022/XX  
D213/D305

Method of preparing ...

derivatives and to increase the yields of the required quinone the authors investigated the influence of the oleum concentration, temperature and period of heating. In the case of 3 % oleum and heating for 1 - 3 hours sulphonation occurred. When the concentration was increased to 8 % the yield of quinone was 15 %; however, this yield decreased when 12 - 20 % oleum was used. The effect of heating with 8 % oleum is shown, and it is clear that the time of reaction determines the yield of quinone. Best results were obtained with reaction times of 2.5 - 3 hours, and under optimum conditions the yield reached 55 - 60 %. In the earlier investigations the first stage, condensation of phthalic anhydride with isopropylbenzene, was conducted in a carbon disulphide medium. The authors, however, used chlorobenzene as a less hazardous solvent and achieved 88 % yields of 4-isopropylbensoyl-2-benzoic acid. The quinone obtained in the present work had a melting point of 56.5 - 57.0°C, (recrystallized from alcohol) as compared with 45°C given in the literature. The composition and properties of the resulting product corresponded to those of isopropylantraquinone. The quinone

Card 2/3

27126

Method of preparing ...

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D213/D305

obtained in both the laboratory apparatus and the model plant had a melting point of 56°C and its C and H contents corresponded with the formula  $C_{17}H_{14}O_2$ . The use of isopropylanthraquinone as a hydrogen transferring agent was studied by hydrogenating the compound in the presence of a skeletal nickel catalyst until a thick mass of 2-isopropylanthrahydroquinone was formed. After separation of the catalyst the product was oxidized with air and the hydrogen peroxide formed was removed with water. A similar reaction has been found to proceed with 2-ethylanthraquinone. In both cases the melting point of the material recovered corresponded to that of the original quinone. There are 1 figure, 1 table and 2 non-Soviet-bloc reference. The reference to the English-language publication reads as follows: A.T. Peters, F.M. Rowe, J. Chem. Soc., 181, 1945. X

SUBMITTED: February 25, 1960

Card 3/3

VOROSHILOV, K.; YURIKOV, K., red.; SHRAYBER, M., red.izd-va;  
KIRZAN, L., tekhn. red.

[Main diseases of swine and measures for their control]  
Osnovnye bolezni svinei i mery bor'by s nimi. Novosibirsk,  
Novosibirskoe obl. gos.izd-vo, 1952. 49 p. (MIRA 16:8)  
(Swine--Diseases and pests)

VOROSHILOV, K

SOV/30-59-2-3/60

**AUTHORS:** Voroshilov, K., Chairman of the Presidium of the Supreme Soviet of the USSR  
Georgadze, M., Secretary of the Presidium of the Supreme Soviet of the USSR

**TITLE:** Decree of the Presidium of the Supreme Soviet of the USSR Concerning the Awarding the Academician Skryabin, K. I. the Honorary Title of a Hero of Socialist Work (Ukaz Prezidiuma Verkhovnogo Soveta SSSR o prisooyenii akademiku Skryabinu K. I. zvaniya Geroya Sotsialisticheskogo Truda)

**PERIODICAL:** Vestnik Akademii nauk SSSR, 1959, Nr 2, Insert, Between pp 16-17 (USSR)

**ABSTRACT:** Academician Skryabin Konstantin Ivanovich is awarded the honorary title of a hero of Socialist work and the Lenin Order and the Gold Medal "Serp i Molot" for his merits in science and on the occasion of his 80th birthday. Moscow, Kremlin, December 6, 1958. There is 1 figure.

Card 1/2

SOV/30-59-2-3/60  
Decree of the Presidium of the Supreme Soviet of the USSR Concerning the  
Awarding the Academician Skryabin, K. I. the Honorary Title of a Hero of  
Socialist Work

ASSOCIATION: Prezidium Verkhovnogo Soveta SSSR (Presidium of the Supreme  
Soviet of the USSR)

Card 2/2

Andreyev, A.; BERIYA, L.; BULGANIN, N.; VOZNESENSKIY, N.; VOROSHILOV, K.;  
KAGANOVICH, L.; KOSYGIN, A.; KUZNETSOV, A.; MALENKOV, G.; MIKOYAN, A.;  
MOLOTOV, V.; POLOMARENKO, P.; POPOV, G.; SUSLOV, M.; KHRUSHCHEV, N.;  
SHVERNIK, N.; SHKIRYATOV, M.

Andriev Aleksandrovich Zhdanov; obituary. Vypel 11 no.17:1-4  
S '48. (MIRA 12:9)

(Zhdanov, Andrei Aleksandrovich, 1896-1948)

VOROSHILOV, K. (Moskva); GEORGADZE, M. (Moskva)

The law on strengthening contacts between school and society and on further development of the public education system in the U.S.S.R. Prof.-tekh.obr. 16 no.1:3-8 Ja '59.

(MIRA 12:2)

1. Predsedatel' Prezidiuma Verkhovnogo Soveta SSSR (for Voroshilov). 2. Sekretar' Prezidiuma Verkhovnogo Soveta SSSR (for Georgadze).

(Education)

VOROSHILOV, K.A.; TAYKHBERG, I.A.

Using BESH elevators for lowering and lifting operations created  
by new technology. Azerb.neft.khoz. 35 no.6:45-46 Je '56.  
(MLRA 9:10)

(Oil wells--Equipment and supplies)

VOROSHILOV4K8A8

600

1. VOROSHILOV, K. A.
2. USSR (600)

"Determining the type of tail of the comet 1939d (Jurlof-Achmarof-Hassel)", [ in English ], Astron. Zhur., 17, No 6, 1940. Astronomical Institute imeni Shternberg (submitted Jun 1940)

9.  Report U-1518, 23 Oct 1951.

VOROSHILOVA, K.A. (Moskva, ul. Levitana, korp. 3, kv. 25)

Leiomyadenoma of the epididymis. Vop.onk. 2 no.3:365-366 '56.  
(MIRA 9:10)

1. Iz urologicheskoy kliniki I Moskovskogo ordena Lenina medi-  
tsinskogo instituta (zav. Klin. - prof. I.M.Epshteyn)

(EPIDIDYMIS, neoplasms  
leiomyoma)

(LEIOMYOMA, case reports  
epididymis)

VOROSHILOV4K3A8

600

1. VOROSHILOV, K. A.

2. USSR (600)

"Orbit and ephemeris of the lyrid shower according to observations in the USSR (1909-1939)," Astron. Zhur., 16, No 3, 1939. State astronomical institute imene Shternberg-Movago.

9. Report U-1518, 23 Oct 1951

VOROSHILOV, K. E.

"Reduction of Nitro Compounds by Cast-Iron Turnings. Part IV," Organic Chem  
Industry 4: 253-257, No 17-18, 1937. (T-2315).

Evaluation B-83873, 28 Mar 55

PA 20T51

VOROSHILOV, K. E.

Jan 1947

USSR/Physics  
Carbon, Activated  
Charcoal

"Adsorption on Activated Carbon and Physical Characteristics of Steam Generated Materials," M. M. Lubinin, D. P. Timofeyev, 4 pp

"Dok Ak Nauk SSSR" Vol LV, No 2

Published 23 Nov 1946 imeni K. E. Voroshilov at the Military Academy of Chemical Protection. Discusses, with formulae, Van der Waals', Brunanyera's and Polyani's theories on the adsorption of activated carbon.

<sup>E</sup>  
VOROSHILOV, K.; PEGOV, N.

Decree of the Supreme Soviet of the U.S.S.R. on the awarding of orders and medals to scientific workers of the Academy of Sciences of the Kazakh. S.S.R. Vest. AN Kazakh. SSR 11 no.1:3-4 Ja '54.  
(MLRA 7:2)

1. Predsedatel' Prezidiuma Verkhovnogo Soveta SSSR (for Voroshilov).
2. Sekretar' Prezidiuma Verkhovnogo Soveta SSSR (for Pegov).  
(Academy of Sciences of the Kazakh S.S.R.)  
(Decorations of honor)

SOKOLOV, T.N., laureat Stalinskoi premii; DRUZHINSKIY, I.A., laureat Stalinskoi premii; VOROSHILOV, M.S., kandidat tekhnicheskikh nauk, redaktor; PLESS, S.A., doktor tekhnicheskikh nauk, retsenzent.

[Automatic control of profiling processes on metal-cutting machines; elements of profiling machines] Avtomaticheskoe upravlenie protsessami kopirovaniya na metalloreshushchikh stankakh; elementy kopiroval'nykh stankov. Leningrad, Gcs. nauchno-tekhn. ind-vo mashinostroit. i sudostroit. lit-ry [Leningradskoe otd-nie] 1954. 328 p. (MLRA 7:6)  
(Cutting machines)

VOROSHILOV, K.P.

OVCHINNIKOV, V.M.: VOROSHILOV, K.P.: and YURIKOV, K.A.

"Zoohygiene with the fundamentals of Veterinary Medicine". Novosibirsk.  
Novosibgiz, 1951. 150 pages with illustrations.

A textbook for the third year agrozootechnical courses of mass kolkhoz  
education.

SO: Veterinariya; May 1952 uncl de g

Trans. # 155 by L. Lulich

VOROSHILOV, K. P.

USSR/Medicine - Infectious Diseases (Veterinary)

May 51

"Some Remarks on the STI Vaccine," P. D. Shat'ko, K. I. Plotnikov, K. P. Voroshilov, Veterinarians, D. K. Ermilov, Honored Vet of the Republic

"Veterinariya" Vol XXVIII, No 5, pp 34, 35

Anti-anthrax vaccine STI was found to be reliable prophylactic which confers immunity for 10-12 mo. However, in 1950 forced vaccinations with STI were followed by infection with anthrax and death of some horses and cattle. Weather at time these infections occurred was hot and there was great number of horse flies which are assumed to transmit anthrax. Microscopic examn of smears from corpses of dead animals disclosed noncapsular anthrax bacilli in 47.8% of the cases, while such bacilli were present only in 13% of the cases in corpses of exptl animals infected with initial material.

182777

VOROSHILOV, K. [P.]

VOROSHILOV, K.: Hemosporidiosis of horses (piroplasmosis and nuttalliosis).  
Novosibirsk. Novosibirsk State Publishing House. 1952. 40 pages with  
illustrations. Price 50 kopeks. 2,000 copies.

SO: Veterinariya; 30; (3); March 1953; Uncl. TABCON

VOROSHILOV, K. [P.]

"How to fight against mange of Agricultural Animals".  
Novosibirsk. 1952. 40 pages with illustrations.

SO: Vet., Aug. 1952, Unclassified.

VOROSHILOV, K. [P.]

"Basic diseases of pigs and the measures of the fight against them".

Novosibirsk. Novosibirsk. 1952. 52 pages with illustrations.

SO: Vet., July 1952, Unclassified.

VOROSHILOV, K.P.

~~Work of the Karasuk District veterinary hospital.~~ Veterinaria 33  
no.5:16-18 My '56. (MLRA 9:8)

1. Nachal'nik veterinarnogo otdela Novosibirskogo oblasel'khozpravl  
leniya.  
(Karasuk--Veterinary hospitals)

VOROSHILOV, K.P., starshiy nauchnyy sotrudnik

Accelerated method of ridding cattle of brucellosis in isolators.  
Veterinariia 37 no.1:19-22 Ja '60. (MIRA 16:6)

1. Novosibirskaya nauchno-issledovatel'skaya veterinarnaya stantsiya.  
(Brucellosis in cattle)

VOROSHILOV, K.P., starshiy nauchnyy sotrudnik

Eradication of cattle diseases and a rapid method of liquidating  
brucellosis isolation wards. Veterinariia 39 no.1:20-23 Ja '63.  
(MIRA 16:6)

1. Novosibirskaya nauchno-issledovatel'skaya veterinarnaya stantsiya.  
(Novosibirsk Province--Brucellosis in cattle)  
(Novosibirsk Province--Quarantine, Veterinary)

VOROSHILOV, K. P.

"The accelerated method of cattle eradication in brucellosis  
isolation wards."

Veterinariya, Vol. 37, No. 1, 1960, p. 19

Sr. Sci. Collaborator, Novosibirsk NIV S

VOROSHILOV, K.Ye.

VOROSHILOV, K.Ye.; GEORGADZE, M.

Decree of the Presidium of the Supreme Soviet of the U.S.S.R.  
Vest. AN Kazakh, SSR 13 no.10:104 0 '57. (MIRA 10:12)

1. Predsedatel' Prezidiuma Verkhovnogo Soveta SSSR (for Voroshilov).
2. Sekretar' Prezidiuma Verkhovnogo Sovets SSSR (for Georgadze),  
Moskva.

(Auezov, Mukhtar Omarkhanovich 1897-)

PAVLOVSKIY, P.V.; VEROSHILOV, I.A.; BLIKOV, Ye.N.

Construction workers' experience with geodetic beacons.  
Geod. i kart. no.8:40-46 1g '64.

(MIRA 17:11)

BRYKIN, P.A.; VOBOSHILOV, L.A.

Labor saving improvements in the construction of trihedral signals.  
Geod. 1 kart. no.4:19-24 Ap '60. (MIRA 13:8)  
(Triangulation towers)

BRYKIN, P.A.; YOROSHILOV, L.A.

Consultation on the establishment of norms for topographic-geodetic work. Geod. i kart. no.7:56-61 J1 '60. (MIRA 13:9)  
(Surveying--Production standards)

VOROSHILOVA, L. A.

CA

12

Russian experiments on the influence of carbon dioxide on various kinds of foods. P. A. Alekseev, L. A. Vorosheva, K. A. Karasov and V. S. Zagovayanski. *Trudy Vsesoyuznogo Nauchno-Issledovatskogo Instituta Pishchevogo Khimii*, Moscow, 1930; *Russ. Food* 22, 81-4(1930).

Fish, meat, milk and butter in small quantities were kept in vessels containing CO<sub>2</sub> of various concns. The presence of CO<sub>2</sub> prolonged the period of conservation of fish (temp. of 0, 4, 8, 17°). The fish colored a little with 10% CO<sub>2</sub>, and somewhat more at 50% concn. The efficiency of CO<sub>2</sub> as a preservative was increased at low temp. Meat preserved its color better. Milk and butter absorbed CO<sub>2</sub> and tasted slightly acid, but milk regained its normal taste and acidity after being returned to air. Conclusion: CO<sub>2</sub> exerts 2 kinds of influence on food: it influences the microorganisms responsible for deterioration, and also the product itself. Tables of results are given.

T. B. Singer

458.15 A METALLURGICAL LITERATURE CLASSIFICATION

VOROSHILOV, M. S.

The following is among dissertations of the Leningrad Polytechnic Institute imeni Kalinin:

"Analysis of Different Systems of Automatic Electric Copying of Drawings." 6 February 1950. Along with the development of general problems connected with the copying of drawings, an investigation was made of the most important units of the photoelectric control system. In order to make a complex investigation of photoelectric systems of copying, a photoelectric copying machine was designed and built for processing models of screw propellers. The basic conditions of a method of calculating the systems of the impulse control of drives were developed and their characteristics were formed.

SO: M-1048, 28 Mar 56

VOROSHILOV, M. S.

"Analysis of Various Systems of Autoelectric Diagram Reproduction" (Analiz razlichnykh sistem elektroavtomaticheskogo kopirovaniya po chertezhu), Elektrichestvo, No 7, 1950.

LPI (Leningrad Polytechnic Institute)  
Dissertation for Candidate's Degree

VAVILOV, A.A.; VERKHOLAT, M.Ye.; RUBASHKIN, I.B.; Prinimali uchastiye:  
YAKOVLEV, V.B.; DEMIDOV, S.V.; YOROSHILOV, M.S., kand. tekhn.  
nauk, retsenzent.

[Actuating electromechanical servosystems for copying milling  
machines] Silovye elektromekhanicheskie slediashchie sistemy  
koproval'no-frezernykh stankov. Moskva, Mashinostroenie,  
1964. 406 p. (MIRA 18:2)

VOROSHILOV, M.S.; SOLYUS, N.G.

Ways to prevent the scorching of wood chips, the browning of the pulp, and ways to reduce the quantity of uncooked sulfite woodpulp.  
Bum.prom. 30 no.12:14-18 D '55. (MLBA 9:3)

1. Priozerskiy tsellyuloznyy zavod.  
(Woodpulp industry)

VOROSHILOV, M.S., kandidat tekhnicheskikh nauk.; SOLYUS, N.G., inzhener.

Automatisation of digester blowoffs in sulfite process woodpulp  
cooking. Dum.prom.31 no.2:15-16 F '56. (KIRA 9:6)

(Woodpulp industry) (Automatic control)

VOROSHILOV, N.S.; IOFFE, O.G.

Effect of automatic control and regulation on technical and economic indexes of sulfite woodpulp cooking. *Bum.prom.* 32 no.2: 18-20 F '57. (MLBA 10:5)

1. Tsentral'nyy nauchno-issledovatel'skiy institut tsellyuloznoy i bumazhnoy promyshlennosti.  
(Woodpulp industry) (Automatic control)

YOROSHILOV, Matislav Sargayavich; SOKOLOV, T.N., prof., doktor  
tekhn. nauk, retsenzent; SOKOLOV, O.A., inzh., red.;  
CHFAS, M.A., red.izd-va; SHCHETININA, L.V., tekhn. red.

[Elements of numerical program control systems for machine  
tools] Elementy sistem tsifrovogo programmogo upravleniia  
metallorezhushchimi stankami. Moskva, Mashgiz, 1963. 243 p.  
(MIRA 16:7)

(Machine tools--Numerical control)

YOROSHILOV, Mstislav Sargaysvich; BALMASOV, Yevgeniy Yskovlevich;  
MESSERER, A.M., red.; SARMAJSKAYA, G.I., red.izd-va; KORNJUSHINA,  
A.S., tekhn.red.

[Automation of production processes in the woodpulp and paper  
industry] Avtomatizatsiia tekhnologicheskikh protsessov tselliu-  
lozno-bumazhnogo proizvodstva. Moskva, Goslesbumizdat, 1960.

470 p.

(MIRA 13:11)

(Paper industry)

(Automatic control)

SOV/112-59-5-9634

5(1)

Translation from: Referativnyy zhurnal. Elektrotehnika, 1959, Nr 5, p 169 (USSR)

AUTHOR: Voroshilov, M. S.

TITLE: Automating Pulp Digestion in Production of Sulfite and Sulfate Celluloses

PERIODICAL: V sb.: Avtomatiz. khim. i koksokhim.. proiz-v. M.,  
Metallurgizdat, 1958, pp 86-107

ABSTRACT: Automation schemes for digesting processes developed by TsNIB, USSR, and abroad are briefly described. Technical and economic effects of automating existing plants, principal trends in the development of digestion and objectives of automation, technically and economically expedient degree of automation of digesting, some technical problems of speeding-up the automatic equipment, and some scientific problems of automation are considered. Eleven illustrations.

A.A.S.

Card 1/1

SOY/112-57-9-19330

Translation from: Referativnyy zhurnal, Elektrotehnika, 1957, Nr 9, p 199 (USSR)

AUTHOR: Voroshilov, M. S.

TITLE: Automation of Sulfite-Cellulose Curing  
(Avtomatizatsiya protsessa varki sul'fitnoy tsellyulozy)

PERIODICAL: Nauch. tr. Tsent. in-t tsellyulozn. i bum. prom-sti, 1956,  
Nr 41, pp 83-110

ABSTRACT: Bibliographic entry.

Card 1/1

VOROSHILOV, M.S.

5(1)

p.r

PHASE I BOOK EXPLOITATION

SOV/1520

USSR. Gosudarstvennyy nauchno-tekhnicheskiy komitet

Avtomatizatsiya khimicheskikh i koksokhimicheskogo proizvodstv; sbornik statey  
(Automation of the Chemical and By-product Coking Industries) Moscow,  
Metallurgizdat, 1958, 377 p. 4,000 copies printed.

Additional Sponsoring Agency: Akademiya nauk SSSR. Institut nauchnoy i tekhnicheskoy informatsii.

Eds.: N.Ya. Fest, N.N. Yelshin, and Yu.N. Gerulyaytis; Ed. of Publishing House: M.R. Lanovskaya; Tech. Ed.: M.P. Shvetsov.

PURPOSE: This book is intended for industrial engineers and technologists interested in the state of industrial automation and may be especially useful to organizations concerned with the multifarious automation problems of the chemical industry.

COVERAGE: This collection was compiled to fulfill to some degree the need for a readily accessible information source on the latest developments in the automation of industrial processes, both foreign and domestic, and to give supplementary information on the automation state of several chemical, metallurgical, petroleum  
Card 1/4

|  |          |     |
|--|----------|-----|
| Automation of the Chemical (Cont.)   | 80V/1520 |     |
| Kremlevskiy, P.P. Automation of the Hydrolysis and Sulfite-Alcohol Industries  |          | 131 |
| Yelshin, N.N., and B.A. Filimonov. Automation of the Synthetic Rubber and Synthetic Alcohol Industries                           |          | 147 |
| Skaukhov, A.S. Automation of the Tire Industry   |          | 174 |
| Berkman, B.Ye., and Yu. N. Gerulaytis. Automation of the Industrial Production of Aniline Dye                                    |          | 203 |
| Sherman, M.Ya. Automation of the By-product Coking Industry  |          | 222 |
| Smakov, M.M. Special Instruments and Automation Methods Employed in Chemical Production in the Soviet Union                      |          | 249 |
| Belozerskiy, S.S., and Sh. L. Sokolin. Instruments and Automation Methods Employed in the Petroleum Industry of the Soviet Union |          | 298 |

Card 3/4

Automation of the Chemical (Cont.)

SOV/1520

Neanelov, S.V., A.B. Bakutkin, and A.A. Popov. Automation of the  
Petroleum Refining and Petroleum-Chemical Industries

354

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Card 4/4

VOROSHILOV, M.S., kand.tekhn.nauk; SOLYUS, N.G., inzh.

Automatic control of the sulfite pulp cooking process. *Buz. prod.*  
33 no.9:11-13 S '58. (MIRA 11:10)  
(Woodpulp industry--Equipment and supplies) (Automatic control)

VOROSHILOV, M.S., kand. tekhn. nauk

Determining the partial pressures of acid vapors in cookers  
during the cooking of sulfite pulp. Bum. prom. 33 no. 7:14-15  
J1 '58. (MIRA 11:7)

(Woodpulp)  
(Vapor pressure)

VOROSHILOV, M.S.

OBRAZTSOV, K.I.; VOROSHILOV, M.S., kand.tekhn.nauk

Automatic regulation of the pulp concentration in a liquid  
stream. Bum.prom.32 no.8:8-10 Ag '57. (MIRA 10:1?)

1. Nachal'nik laboratorii avtomatiki Tsentral'nogo nauchno-  
issledovatel'skogo instituta tsellyuloznoy i bumazhnoy promyshlen-  
nosti. (Woodpulp industry) (Automatic control) (Fluid mechanics)

PHASE I BOOK EXPLOITATION

BCV/4738

Voroshilov, Mstislav Sergeevich, and Yevgeniy Yakovlevich Balmasov

Avtomatizatsiya tekhnologicheskikh protsessov tsellyulozno-bumazhnogo proizvodstva (Automation of Technological Processes of the Pulp and Paper Industry) Moscow, Goslesbumizdat, 1960. 470 p. 3,000 copies printed.

Ed.: A.M. Messerer; Ed. of Publishing House: G.I. Sarmatskaya; Tech. Ed. A.S. Korniyushina.

PURPOSE: This book is intended for technical personnel concerned with the planning, implementation, and operation of automation processes in pulp and paper mills.

COVERAGE: The authors examine the basic technological processes of pulp- and papermaking, their automation circuits, the technical means for the automatic checking and control of the technological parameters of production, and methods of computing the principal objects of control. Information is given on those physicochemical properties of materials and agents, a knowledge of which is

~~Card 1/12~~

Automation of Technological Processes (Cont.)

SOV/4738

required in order to design pickups for measurement and control instruments. Chapters 1, 4, 5, 6, 9, 10, 13, 15, and 17 through 22 were written by M.S. Voroshilov; Ye.Ya. Balmasov wrote chapters 2, 3, 7, 8, 11, 12, 14, 16, and 23. There are 199 references: 132 Soviet, 46 English, 9 German, 5 Swedish, 3 French, 2 Norwegian, and 2 Finnish.

TABLE OF CONTENTS:

Introduction

3

PART I. BASIC TECHNOLOGICAL PROCESSES OF THE PULP AND PAPER INDUSTRY  
AND  
THEIR AUTOMATION CIRCUITS

Ch. I. Manufacture of Sulfite Pulp

8

Preparation of the pulpwood

8

Preparation of the acid

9

Cooking the pulpwood

15

Cleaning and drying the pulp

27

Card 2/12

VOROSHILOV, M.V. (Noril'sk)

Meteorite crater in the Western Sayan Mountains. Priroda 51  
no.3:107-109 Mr '62. (MIRA 15:3)  
(Western Sayan Mountains--Meteorites)

VOROSHILOV, N., polkovnik, kand.istoricheskikh nauk

Participation of trainees in political courses. Komm. Vooruzh. . .  
Sil 3 no.1:51-53 Ja '63. (MIRA 16:1)  
(Russia--Armed forces--Education, Nonmilitary)

VOROSHILOV, N.V.

Manifestation of heterosis in crossbred chickens. Vest. LGU  
18 no.15:141-149'63. (MIRA 16:9)  
(POULTRY BREEDING) (HETEROSIS)

VOROSHILOV, N.V.

Heritability of egg production characteristics in pyrebred and  
crossbred hens. Issl. po gen. no.2:155-164 '64. (MIRA 18:4)